

Application No. 09/833,965

AMENDMENT TO THE CLAIMS

CI
1. (Currently Amended) A seam bonding adhesive comprising a polyvinyl butyral resin selected from the group consisting of ~~polyvinyl butyral, phenolic resins, epoxy resins, and mixtures thereof,~~ and a first carbon filler comprising a fluorinated carbon selected from the group consisting of a fluorinated carbon having about 28 percent by weight fluorine, a fluorinated carbon having about 11 percent by weight fluorine, a fluorinated carbon having about 62 percent by weight fluorine, and a fluorinated carbon having about 65 percent by weight fluorine, based on the weight of fluorinated.

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Cancelled).

6. (Cancelled).

L
7. (Original) An adhesive in accordance with claim 1, wherein said polyvinyl butyral resin further comprises polyvinyl butyral and a phenolic resin resins.

D 2/19 (Original) An adhesive in accordance with claim 7, wherein said phenolic resin is a phenolic acrylic resin.

D 3/19 (Original) An adhesive in accordance with claim 7, wherein said adhesive is crosslinked.

Application No. 09/833,965

D ~~4~~ ¹⁷10. (Previously Amended) An adhesive in accordance with claim ~~1~~ ¹⁷, further comprising a second filler selected from the group consisting of a carbon filler different from the first carbon filler, doped metal oxide filler, polymer filler, and mixtures thereof.

Cl ~~5~~ ⁴11. (Original) An adhesive in accordance with claim ~~10~~ ⁴, wherein said carbon filler different from said first carbon filler is selected from the group consisting of carbon black and graphite.

D ~~6~~ ^{15 15}12. (Previously Amended) An adhesive in accordance with claim ~~10~~ ⁴, wherein said doped metal oxide filler ~~comprises~~ antimony doped tin oxide.

~~7~~ ⁴13. (Previously Amended) An adhesive in accordance with claim ~~10~~ ⁴, wherein said polymer filler is selected from the group consisting of polytetrafluoroethylene, polypyrrole, polythiophene, and polyaniline.

D ~~8~~ ¹⁷14. (Original) An adhesive in accordance with claim ~~1~~ ¹⁷, having a volume resistivity of from about 10^1 to about 10^{13} ohm-cm.

~~9~~ ⁸15. (Original) An adhesive in accordance with claim ~~14~~ ⁸, wherein said volume resistivity is from about 10^8 to about 10^{11} ohm-cm.

L 16. (Cancelled)

Ins Di ~~1~~ ¹⁷17. (Previously Amended) A seam bonding adhesive comprising polyvinyl butyral and phenolic resin, and a fluorinated carbon selected from the group consisting of a fluorinated carbon having about 28 percent by weight fluorine, a fluorinated carbon having about 11 percent by weight fluorine, a fluorinated carbon having about 62 percent by weight fluorine, and a fluorinated carbon having about 65 percent by weight fluorine, based on the weight of fluorinated carbon.